

Amtech

FINE-PITCH SOLDER CREAMS

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TECHNICAL DATA

AMTECH 587 ROSIN MILDLY ACTIVATED LIQUID FLUX

Description: Amtech mildly activated rosin flux is formulated to meet the requirements of high speed soldering operations; with activators close to that of a fully activated rosin flux. This flux meets the requirements of type RMA per J-STD-004.

Benefits:

- ◆ Very bright solder joints
- ◆ Minimal defects
- ◆ High SIR Value
- ◆ Non-corrosive

Applications: AMTECH 587 mildly activated rosin flux can be applied by waving, brushing, dipping and foaming. This mildly activated rosin flux exhibits superior foaming characteristics with a uniform stable foam head. It is excellent for tinning stranded wire; component leads and attaching lead frames to hybrid circuit assemblies. Should the flux become viscous due to prolonged operation or waving, simply add AMTECH 1000T Thinner to maintain the proper specific gravity and flux activity.

Amtech RMA 587 TDS

**Residue
Removal:**

The residue from the AMTECH 587 has high resistance value even at temperatures as high as 160°F. It is non-hygroscopic, non-corrosive and highly insulated; thus it need not be removed.

**Physical &
Chemical
Properties:**

Color & Appearance:	Amber Liquid
Solids Content (wt.):	35%
Color & Transparency:	#13 Gardner
Flow & Consistency:	Pass
Water Extract Resistivity:	135,000 Ohm-cm
Silver Chromate Paper:	Pass
Copper Mirror:	Pass
Spread factor:	87
Dryness:	Pass
Specific Gravity @ 20°C	0.870 +/- .006
Flash Point:	53°F

**Packaging &
Storage:**

AMTECH 587 is available in a Flux-Righter or 1, 5 and 55 gallon containers. It should be stored in a cool, dry place away from ignition sources.

Consult MSDS for Health & Safety Information.

The information contained herein is based on technical data which we believe to be reliable and is intended for use by persons having TECHNICAL SKILL, at their own risk. Users of our products should make their own tests to determine the suitability of each such product for their own particular process. AMTECH will assume no liability for results obtained or damages incurred through the application of the data presented.